

ATTORNEY'S DOCKET NO.

TI-32858

**APPLICATION FOR UNITED STATES PATENT****DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a);

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**TITLE OF INVENTION: DIGITAL TIMING RECOVERY METHOD FOR COMMUNICATION RECEIVERS**
**POWER OF ATTORNEY:** I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH

**Practitioners at Customer Number: 23494**
**SEND CORRESPONDENCE TO:**

J. Dennis Moore  
Texas Instruments Incorporated,  
P. O. Box 655474, M/S 3999  
Dallas, Texas 75265

**DIRECT TELEPHONE CALLS TO:**

J. Dennis Moore  
(972) 917-5646

**NAME OF INVENTOR: (1)**

Fernando A. Mujica

**NAME OF INVENTOR: (2)**

Udayan Dasgupta

**NAME OF INVENTOR: (3)**

Sandeep Kesrimal Oswal

**RESIDENCE & POST OFFICE ADDRESS**

1206 Bel Air Drive  
Allen, Texas 75013

**RESIDENCE & POST OFFICE ADDRESS**

430 Buckingham Road, #434  
Richardson, Texas 75081

**RESIDENCE & POST OFFICE ADDRESS**

3507 14<sup>th</sup> A. Main  
HAL 2<sup>nd</sup> Stage  
Bangalore 560 038 India

**COUNTRY OF CITIZENSHIP:**

Venezuela

**COUNTRY OF CITIZENSHIP:**

India

**COUNTRY OF CITIZENSHIP:**

India

**SIGNATURE OF INVENTOR:**
**SIGNATURE OF INVENTOR:**
**SIGNATURE OF INVENTOR:**
**DATE:**
**DATE:**
**DATE:**

ATTORNEY'S DOCKET NO.

TI-32858

**APPLICATION FOR UNITED STATES PATENT****DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a);

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

<b>TITLE OF INVENTION: DIGITAL TIMING RECOVERY METHOD FOR COMMUNICATION RECEIVERS</b>
---

<b>POWER OF ATTORNEY:</b>	I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH
---------------------------	---

**Practitioners at Customer Number: 23494**

<b>SEND CORRESPONDENCE TO:</b>	<b>DIRECT TELEPHONE CALLS TO:</b>
--------------------------------	-----------------------------------

J. Dennis Moore Texas Instruments Incorporated, P. O. Box 655474, M/S 3999 Dallas, Texas 75265	J. Dennis Moore (972) 917-5646
---	-----------------------------------

<b>NAME OF INVENTOR:</b>	<b>NAME OF INVENTOR:</b>	<b>NAME OF INVENTOR:</b>
--------------------------	--------------------------	--------------------------

(4)

(5)

(6)

Murtaza Ali

Pradeep Kiran Sarvepalli

Prakash Easwaran

<b>RESIDENCE &amp; POST OFFICE ADDRESS</b>	<b>RESIDENCE &amp; POST OFFICE ADDRESS</b>	<b>RESIDENCE &amp; POST OFFICE ADDRESS</b>
--	--	--

4336 Cutter Springs Court  
Plano, Texas 7502461, 5<sup>th</sup> Main, 7<sup>th</sup> Cross, Domlur Layout  
Bangalore 560 071  
India777X, 13<sup>th</sup> Main, 1<sup>st</sup> Cross  
HAL 2<sup>nd</sup> Stage  
Bangalore 560 008, India

<b>COUNTRY OF CITIZENSHIP:</b>	<b>COUNTRY OF CITIZENSHIP:</b>	<b>COUNTRY OF CITIZENSHIP:</b>
--------------------------------	--------------------------------	--------------------------------

Bangladesh

India

India

<b>SIGNATURE OF INVENTOR:</b>	<b>SIGNATURE OF INVENTOR:</b>	<b>SIGNATURE OF INVENTOR:</b>
-------------------------------	-------------------------------	-------------------------------

<b>DATE:</b>	<b>DATE:</b>	<b>DATE:</b>
--------------	--------------	--------------

ATTORNEY'S DOCKET NO.

TI-32858

**APPLICATION FOR UNITED STATES PATENT****DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a);

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**TITLE OF INVENTION: DIGITAL TIMING RECOVERY METHOD FOR COMMUNICATION RECEIVERS**

**POWER OF ATTORNEY:** I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH

**Practitioners at Customer Number: 23494**

**SEND CORRESPONDENCE TO:**

J. Dennis Moore  
Texas Instruments Incorporated,  
P. O. Box 655474, M/S 3999  
Dallas, Texas 75265

**DIRECT TELEPHONE CALLS TO:**

J. Dennis Moore  
(972) 917-5646

**NAME OF INVENTOR: (7)**

Diptendra Narayan Basu

**NAME OF INVENTOR: (8)**

**NAME OF INVENTOR: (9)**

**RESIDENCE & POST OFFICE ADDRESS**

D-308, Casa Ansal  
18, Bannerghatta Rd  
Bangalore 560 076  
India

**RESIDENCE & POST OFFICE ADDRESS**

**RESIDENCE & POST OFFICE ADDRESS**

**COUNTRY OF CITIZENSHIP:**

India

**COUNTRY OF CITIZENSHIP:**

**COUNTRY OF CITIZENSHIP:**

**SIGNATURE OF INVENTOR:**

**SIGNATURE OF INVENTOR:**

**SIGNATURE OF INVENTOR:**

**DATE:**

**DATE:**

**DATE:**